

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
U 011415-0

SERIAL NO.: 08/913,430

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT: John WALKER, et al.

FILING DATE:
September 12, 1997

GROUP: --

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	NUMBER												
me	AA	4	8	9	4	3	3	2	1/1990	SCHALLER, et al.	435	69.3	
me	AB	5	2	5	2	3	2	8	10/1993	FAULDS, et al.	424	92	
	AC												
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		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES		NO
me	AL	9	0	0	7	9	3	5	7/1990	WO	A61K	39/02			
me	AM	9	1	1	5	5	9	3	10/1991	WO	C12P	21/00			
me	AN	7	0	6	8	5	8	7	10/1987	AU	C07K	15/12			
me	AO	4	9	0	3	5	9	0	10/1990	AU	C12P	21/08			
me	AP	1	7	6	0	2	9	5	10/1995	AU	C07K	14/30			

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

<i>me</i>	AR	Futo, S., et al. "Molecular Cloning of a 46-Kilodalton Surface Antigen (P46) Gene from Mycoplasma
		Hypopneumoniae: Direct Evidence of CGG Codon Usage for Arginine", Journal of Bacteriology, 1995,
	AS	pp 1915-1917.
	AT	

EXAMINER

DATE CONSIDERED

B.P. Swamy 11/19/99

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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AL	0 4 7 5 1 8 5	3/1992	EP	C12N	15/31		
AM	0 5 7 1 6 4 8	12/1993	EP	A61K	39/02		
AN							
AO							
AP							

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

AR	Futo, S., et al. "Recombinant 46-Kilodalton Surface Antigen (P46) of Mycoplasma hyopneumoniae Expressed in Escherichia coli Can Be Used for Early Specific Diagnosis of Myoplasmal Pneumonia of Swine by Enzyme-Linked Immunosorbent Assay", Journal of Clinical Microbiology, March 1995, pp 680-683

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BPSwartz 11/19/99

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ms	AR	Klinkert, M., et al., "Surface Proteins of Mycoplasma hyopneumoniae Identified from an Escherichia coli Expression Plasmid Library, <i>Infection and Immunity</i> , August 1995, pp 329-335. ✓
ms	AS	Derwent Abstract of JP 62-273455 of November, 1987. ✓
	AT	
EXAMINER	DATE CONSIDERED	R. P. Swang 11/19/99

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	AN													
	AO													
	AP													

OTHER	ART	(Including Author, Title, Date, Pertinent Dates, Etc.)
AR		Derwent Abstract of JP 02-167,079 of June, 1990. ✓
AS		Derwent Abstract of JP 07-118167 of May, 1995. ✓
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EXAMINER	DATE CONSIDERED	BP Swamy 11/19/99

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MS	AR	Etheridge, J.R., " Isolation of Mycoplasma Hyopneumoniae From Lesions In Experimentally Infected Pigs", <u>Australian Veterinary Journal</u> , vol. 55, August, 1979, pp 356-359
MS	AS	Bordier, C., "Separation of Integral Membrane Proteins in Trinton X-114", <u>Journal of Biochemical Chemistry</u> , February, 1981, pp 1604-1607.
	AT	
EXAMINER	DATE CONSIDERED	MS <u>Swartz</u> 11/19/99

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MS	AR	Holton, T., et al., "simple and efficient method for direct cloning of PCR products using ddT-tailed vectors", Nucleic Acids Research, vol. 19, no. 5, December, 1990, p 1156.
MS	AS	Hovind-Hougen, K., Friss, N.F., Research in Veterinary Science, 1991, 51, pp 155-163, "Morphological & Ultrastructural Studies in M flocculare and M hyponeumonae in vitro".
MS	AT	Warren H.S. and Chedid, L.A., Future Prospects for Vaccine Adjuvants CRC Critical Review in Immunology 8:83-108, 1988.
EXAMINER	DATE CONSIDERED	BPSwamy 11-19-99

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